

Veena N Choudhary

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

189 papers	7,000 citations	44 h-index	76 g-index
190 ext. papers	7,664 ext. citations	3.9 avg, IF	6.35 L-index

#	Paper	IF	Citations
189	Semi-interpenetrating polymer networks of poly (vinyl alcohol)-functionalized nanocrystals/sulfonated poly (ether ether ketone) (PVA-FNCs/SPEEK) as fuel cell membrane. <i>Materials Today Communications</i> , 2021 , 29, 102897	2.5	3
188	Boosting Selectivity and Sensitivity to Biomarkers of Quantum Resistive Vapour Sensors Used for Volatolomics with Nanoarchitected Carbon Nanotubes or Graphene Platelets Connected by Fullerene Junctions. <i>Chemosensors</i> , 2021 , 9, 66	4	2
187	EMI shielding response of polypyrrole-MWCNT/polyurethane composites. <i>Synthetic Metals</i> , 2020 , 266, 116414	3.6	39
186	Curing kinetics and thermal properties of imide containing phthalonitrile resin using aromatic amines. <i>Thermochimica Acta</i> , 2020 , 693, 178749	2.9	8
185	Microwave shielding behaviour of polypyrrole impregnated fabrics. <i>Composites Part B: Engineering</i> , 2019 , 175, 107093	10	26
184	Synergistic effect of graphene/multiwalled carbon nanotube hybrid fillers on mechanical, electrical and EMI shielding properties of polycarbonate/ethylene methyl acrylate nanocomposites. <i>Composites Part B: Engineering</i> , 2019 , 159, 378-388	10	97
183	A review on the mechanical, electrical and EMI shielding properties of carbon nanotubes and graphene reinforced polycarbonate nanocomposites. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 1547-1567 ⁶¹	3.2	61
182	Studies on crosslinking and thermal behavior of phthalonitrile end-capped imide monomer in presence of aromatic amines. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46151	2.9	11
181	Thermomechanically stable dielectric composites based on poly(ether ketone) and BaTiO ₃ with improved electromagnetic shielding properties in X-band. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46413	2.9	10
180	Detailed dynamic mechanical analysis of thermomechanically stable melt-processed PEK/MWCNT nanocomposites. <i>Polymer Composites</i> , 2018 , 39, 2587-2596	3	18
179	Chemical treatment of cotton stalk and its effects on mechanical, rheological and morphological properties of Polypropylene/cotton stalk bio-composites. <i>Polymer Composites</i> , 2018 , 39, E286-E296	3	2
178	Superior electrical, mechanical and electromagnetic interference shielding properties of polycarbonate/ethylene-methyl acrylate-in situ reduced graphene oxide nanocomposites. <i>Journal of Materials Science</i> , 2018 , 53, 16047-16061	4.3	14
177	Industrially viable technique for the preparation of HDPE/fly ash composites at high loading: Thermal, mechanical, and rheological interpretations. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 4599-4611	2.9	10
176	Multiwalled carbon nanotubes reinforced poly (ether-ketone) nanocomposites: Assessment of rheological, mechanical, and electromagnetic shielding properties. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 347-354	3.2	16
175	Influence of Water Molecules on the Detection of Volatile Organic Compounds (VOC) Cancer Biomarkers by Nanocomposite Quantum Resistive Vapor Sensors vQRS. <i>Chemosensors</i> , 2018 , 6, 64	4	6
174	Morphological studies and thermo-mechanical behavior of polypropylene/sepiolite nanocomposites. <i>Polymer Composites</i> , 2017 , 38, E285-E294	3	13
173	Morphological, mechanical, and in vitro cytocompatibility analysis of poly(vinyl alcohol)/Silica glass hybrid scaffolds reinforced with cellulose nanocrystals. <i>International Journal of Polymer Analysis and Characterization</i> , 2017 , 22, 139-151	1.7	6

172	Studies on toughened polycarbonate/multiwalled carbon nanotubes nanocomposites. <i>Composites Part B: Engineering</i> , 2017 , 124, 101-110	10	50
171	Polyethylene/sepiolite clay nanocomposites: Effect of clay content, compatibilizer polarity, and molar mass on viscoelastic and dynamic mechanical properties. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45197	2.9	18
170	Graphene nanoplatelets/carbon nanotubes/polyurethane composites as efficient shield against electromagnetic polluting radiations. <i>Composites Part B: Engineering</i> , 2017 , 120, 118-127	10	129
169	Sulfonated poly(ether ether ketone) [SPEEK] nanocomposites based on hybrid nanocarbons for the detection and discrimination of some lung cancer VOC biomarkers. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 348-359	7.3	26
168	Recycling polymeric waste from electronic and automotive sectors into value added products. <i>Frontiers of Environmental Science and Engineering</i> , 2017 , 11, 1	5.8	9
167	Poly(melamine-formaldehyde) microcapsules filled with epoxy resin: effect of M/F ratio on the shell wall stability. <i>Materials Research Express</i> , 2017 , 4, 075307	1.7	7
166	Development of complete silica thin films based on functional hyperbranched polyalkoxysiloxanes. <i>Polymer</i> , 2017 , 133, 40-49	3.9	1
165	5-Sulfoisophthalic acid monolithium salt doped polypyrrole/multiwalled carbon nanotubes composites for EMI shielding application in X-band (8.2–2.4 GHz). <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45370	2.9	12
164	Folic acid and trastuzumab conjugated redox responsive random multiblock copolymeric nanocarriers for breast cancer therapy: In-vitro and in-vivo studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 149, 369-378	6	34
163	vQRS Based on Hybrids of CNT with PMMA-POSS and PS-POSS Copolymers to Reach the Sub-PPM Detection of Ammonia and Formaldehyde at Room Temperature Despite Moisture. <i>Chemosensors</i> , 2017 , 5, 22	4	8
162	Tailoring of polypyrrole backbone by optimizing synthesis parameters for efficient EMI shielding properties in X-band (8.2–2.4 GHz). <i>Synthetic Metals</i> , 2016 , 222, 170-179	3.6	19
161	High-density polyethylene/needle-like sepiolite clay nanocomposites: effect of functionalized polymers on the dispersion of nanofiller, melt extensional and mechanical properties. <i>RSC Advances</i> , 2016 , 6, 59762-59774	3.7	15
160	Fabrication of poly (vinyl alcohol)/ovalbumin/cellulose nanocrystals/nanohydroxyapatite based biocomposite scaffolds. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016 , 65, 191-201	3	13
159	High-density polyethylene/halloysite nanocomposites: morphology and rheological behaviour under extensional and shear flow. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	35
158	pH- and Metal Ion- Sensitive Hydrogels based on N-[2-(dimethylaminoethyl)acrylamide]. <i>Polymers</i> , 2016 , 8,	4.5	19
157	Structural, thermal, morphological and dynamic mechanical characteristics of waste-reinforced polypropylene composites: A novel approach for recycling electronic waste. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	4
156	Electromagnetic shielding and mechanical properties of thermally stable poly(ether ketone)/multi-walled carbon nanotube composites prepared using a twin-screw extruder equipped with novel fractional mixing elements. <i>RSC Advances</i> , 2016 , 6, 113781-113790	3.7	24
155	Development of functionalized quantum dot modified poly(vinyl alcohol) membranes for fuel cell applications. <i>RSC Advances</i> , 2016 , 6, 47536-47544	3.7	12

154	Effect of sepiolite on nonisothermal crystallization kinetics of polypropylene. <i>Journal of Materials Science</i> , 2016 , 51, 9535-9550	4.3	9
153	Superior EMI shielding performance of thermally stable carbon nanofiber/poly(ether-ketone) composites in 26.540 GHz frequency range. <i>Journal of Materials Science</i> , 2016 , 51, 9705-9715	4.3	31
152	Multi walled carbon nanotubes induced viscoelastic response of polypropylene copolymer nanocomposites: Effect of filler loading on rheological percolation. <i>Polymer Testing</i> , 2016 , 55, 1-9	4.5	30
151	Polypropylene random copolymer/MWCNT nanocomposites: Isothermal crystallization kinetics, structural, and morphological interpretations. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	16
150	Surface Plasmon Resonance-Based Fiber Optic Methane Gas Sensor Utilizing Graphene-Carbon Nanotubes-Poly(Methyl Methacrylate) Hybrid Nanocomposite. <i>Plasmonics</i> , 2015 , 10, 1147-1157	2.4	92
149	Excellent electromagnetic interference shielding and mechanical properties of high loading carbon-nanotubes/polymer composites designed using melt recirculation equipped twin-screw extruder. <i>Carbon</i> , 2015 , 89, 308-317	10.4	137
148	ROP and ATRP Fabricated Dual Targeted Redox Sensitive Polymersomes Based on pPEGMA-PCL-ss-PCL-pPEGMA Triblock Copolymers for Breast Cancer Therapeutics. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 9211-27	9.5	57
147	Tailored graphene based polyurethane composites for efficient electrostatic dissipation and electromagnetic interference shielding applications. <i>RSC Advances</i> , 2015 , 5, 97349-97358	3.7	63
146	Excellent impact strength of ethylene-methyl acrylate copolymer toughened polycarbonate. <i>RSC Advances</i> , 2015 , 5, 87589-87597	3.7	12
145	Designing of carbon nanotube/polymer composites using melt recirculation approach: Effect of aspect ratio on mechanical, electrical and EMI shielding response. <i>Materials and Design</i> , 2015 , 88, 269-277	8.1	98
144	Synthesis and biological evaluation of dual functionalized glutathione sensitive poly(ester-urethane) multiblock polymeric nanoparticles for cancer targeted drug delivery. <i>Polymer Chemistry</i> , 2015 , 6, 7603-7617	4.9	17
143	A study of new anhydrous, conducting membranes based on composites of aprotic ionic liquid and cross-linked SPEEK for fuel cell application. <i>Electrochimica Acta</i> , 2015 , 152, 352-359	6.7	55
142	Barium ferrite decorated reduced graphene oxide nanocomposite for effective electromagnetic interference shielding. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 1610-8	3.6	150
141	Melt rheology and thermomechanical behavior of poly(methyl methacrylate)/reduced graphene oxide nanocomposites. <i>Polymers for Advanced Technologies</i> , 2015 , 26, 1558-1566	3.2	15
140	Solvent Free, Efficient, Industrially Viable, Fast Dispersion Process Based Amine Modified MWCNT Reinforced Epoxy Composites Of Superior Mechanical Properties. <i>Advanced Materials Letters</i> , 2015 , 6, 104-113	2.4	58
139	Antimicrobial Peptide Mimicking Primary Amine and Guanidine Containing Methacrylamide Copolymers Prepared by Raft Polymerization. <i>Biomacromolecules</i> , 2015 , 16, 3845-52	6.9	47
138	Effect of multi-walled carbon nanotubes on mechanical and rheological properties of poly(trimethylene terephthalate). <i>Journal of Materials Science</i> , 2014 , 49, 3839-3846	4.3	10
137	Growth of carbon nanotube filaments on carbon fiber cloth by catalytic chemical vapor deposition. <i>Applied Nanoscience (Switzerland)</i> , 2014 , 4, 997-1003	3.3	7

136	Effect of modified cellulose nanocrystals on microstructural and mechanical properties of polyvinyl alcohol/ovalbumin biocomposite scaffolds. <i>Materials Letters</i> , 2014 , 129, 61-64	3.3	24
135	Novel anhydrous composite membranes based on sulfonated poly (ether ketone) and aprotic ionic liquids for high temperature polymer electrolyte membranes for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 12826-12834	6.7	26
134	Ultrasensitive QRS made by supramolecular assembly of functionalized cyclodextrins and graphene for the detection of lung cancer VOC biomarkers. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6571-6579	7.3	44
133	Effect of Multiwalled Carbon Nanotubes on the Properties of Poly(methyl methacrylate) in PMMA/CNT Nanocomposites. <i>Macromolecular Symposia</i> , 2014 , 341, 75-89	0.8	16
132	Microstructural and mechanical properties of porous biocomposite scaffolds based on polyvinyl alcohol, nano-hydroxyapatite and cellulose nanocrystals. <i>Cellulose</i> , 2014 , 21, 3409-3426	5.5	103
131	SPR based fibre optic ammonia gas sensor utilizing nanocomposite film of PMMA/reduced graphene oxide prepared by in situ polymerization. <i>Sensors and Actuators B: Chemical</i> , 2014 , 199, 190-200	8.5	188
130	Enhanced microwave shielding and mechanical properties of multiwall carbon nanotubes anchored carbon fiber felt reinforced epoxy multiscale composites. <i>Applied Nanoscience (Switzerland)</i> , 2014 , 4, 421-428	3.3	43
129	Effect of length of carbon nanotubes on electromagnetic interference shielding and mechanical properties of their reinforced epoxy composites. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	52
128	Isothermal crystallization kinetics of poly(trimethylene terephthalate)/multiwall carbon nanotubes composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 114, 643-651	4.1	7
127	Electrical and mechanical properties of PMMA/reduced graphene oxide nanocomposites prepared via in situ polymerization. <i>Journal of Materials Science</i> , 2013 , 48, 6223-6232	4.3	124
126	Thermal and mechanical properties of poly(trimethylene terephthalate)/acid-treated multiwalled carbon nanotube composites. <i>Journal of Materials Science</i> , 2013 , 48, 7063-7070	4.3	8
125	Effect of functionality of polyhedral oligomeric silsesquioxane[POSS] on the properties of sulfonated poly(ether ether ketone) [SPEEK] based hybrid nanocomposite proton exchange membranes for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 12817-12829	6.7	42
124	Structural details, electrical properties, and electromagnetic interference shielding response of processable copolymers of aniline. <i>Journal of Materials Science</i> , 2013 , 48, 797-804	4.3	45
123	Enhanced electromagnetic interference shielding effectiveness of polyaniline functionalized carbon nanotubes filled polystyrene composites. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	94
122	Role of compatibilizer and processing method on the mechanical, thermal and barrier properties of polystyrene/organoclay nanocomposites. <i>Journal of Reinforced Plastics and Composites</i> , 2013 , 32, 740-757	7.9	7
121	Conducting polymer coated textile based multilayered shields for suppression of microwave radiations in 8.2-2.4 GHz range. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 2832-2839	2.9	36
120	Preparation and in vitro evaluation of folate-receptor-targeted SPION-polymer micelle hybrids for MRI contrast enhancement in cancer imaging. <i>Nanotechnology</i> , 2013 , 24, 015603	3.4	44
119	Enhanced microwave shielding and mechanical properties of high loading MWCNT-epoxy composites. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	67

118	Rheologic and mechanical properties of multiwalled carbon nanotubes-reinforced poly(trimethylene terephthalate) composites. <i>Journal of Materials Science</i> , 2013 , 48, 3347-3356	4.3	20
117	Non-fluorinated hybrid composite membranes based on polyethylene glycol functionalized polyhedral oligomeric silsesquioxane [PPOSS] and sulfonated poly(ether ether ketone) [SPEEK] for fuel cell applications. <i>Reactive and Functional Polymers</i> , 2013 , 73, 1268-1280	4.6	19
116	High permittivity polyaniline-barium titanate nanocomposites with excellent electromagnetic interference shielding response. <i>Nanoscale</i> , 2013 , 5, 4330-6	7.7	201
115	Carbon Nanotubes and Their Composites 2013 ,		14
114	Effect of multiwall carbon nanotubes on thermomechanical and electrical properties of poly(trimethylene terephthalate). <i>Journal of Applied Polymer Science</i> , 2012 , 123, 1548-1556	2.9	20
113	Thermal degradation and physical aging of linear low density polyethylene and poly(l-lactic acid) blends. <i>Journal of Polymer Engineering</i> , 2012 , 32,	1.4	9
112	Enhancement in the thermomechanical properties of carbon fibre-carbon nanotubes-epoxy hybrid composites. <i>International Journal of Nanotechnology</i> , 2012 , 9, 1040	1.5	11
111	Improved microwave absorption and electrostatic charge dissipation efficiencies of conducting polymer grafted fabrics prepared via in situ polymerization. <i>Polymers for Advanced Technologies</i> , 2012 , 23, 343-349	3.2	62
110	Improved Electromagnetic Interference Shielding Response of Poly(aniline)-Coated Fabrics Containing Dielectric and Magnetic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 13403-13412	3.8	285
109	N-(n-Alkyl)-2-pyridinemethanimine mediated atom transfer radical polymerization of lauryl methacrylate: Effect of length of alkyl group. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 31-37	2.9	5
108	Antimicrobial poly(methacrylamide) derivatives prepared via aqueous RAFT polymerization exhibit biocidal efficiency dependent upon cation structure. <i>Biomacromolecules</i> , 2012 , 13, 2472-82	6.9	51
107	Synthesis and characterization of methylcellulose/PVA based porous composite. <i>Carbohydrate Polymers</i> , 2012 , 88, 1364-1372	10.3	76
106	Sulfonated poly(ether ether ketone)/ethylene glycol/polyhedral oligosilsesquioxane hybrid membranes for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 5979-5991	6.7	20
105	Interpenetrating Polymer Networks Based on Gelatin and Poly(Vinyl Pyrrolidone): Evaluation of Degradation, Histocompatibility, Cytotoxicity, and Drug Release. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2012 , 61, 1115-1129	3	7
104	Designing of epoxy composites reinforced with carbon nanotubes grown carbon fiber fabric for improved electromagnetic interference shielding. <i>AIP Advances</i> , 2012 , 2, 022151	1.5	42
103	Comparative evaluation of residual monomer content and polymerization shrinkage of a packable composite and an ormocer. <i>Journal of Conservative Dentistry</i> , 2012 , 15, 161-5	0.9	8
102	Influence of self-doped poly(aniline-co-4-amino-3-hydroxy-naphthalene-1-sulfonic acid) on corrosion inhibition behaviour of iron in acidic medium. <i>Synthetic Metals</i> , 2011 , 161, 753-762	3.6	31
101	Enhanced microwave absorption behavior of polyaniline-CNT/polystyrene blend in 12.4–18.0GHz range. <i>Synthetic Metals</i> , 2011 , 161, 1522-1526	3.6	234

100	Polyhedral oligomeric silsesquioxane/polyphenylsulfone nanocomposites: Investigation of the melt-flow enhancement, thermal behavior, and mechanical properties. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 2945-2956	2.9	17
99	Electromagnetic interference shielding behavior of poly(trimethylene terephthalate)/multi-walled carbon nanotube composites. <i>Composites Science and Technology</i> , 2011 , 71, 1563-1568	8.6	165
98	Electrical conductivity and shielding effectiveness of poly(trimethylene terephthalate)/multiwalled carbon nanotube composites. <i>Journal of Materials Science</i> , 2011 , 46, 6416-6423	4.3	93
97	Effect of clay content and clay/surfactant on the mechanical, thermal and barrier properties of polystyrene/organoclay nanocomposites. <i>Journal of Polymer Research</i> , 2011 , 18, 843-857	2.7	68
96	Thermal properties and degradation characteristics of polylactide, linear low density polyethylene, and their blends. <i>Polymer Bulletin</i> , 2011 , 66, 939-953	2.4	40
95	Selective polydimethylsiloxane/polyimide blended IPN pervaporation membrane for methanol/toluene azeotrope separation. <i>Separation and Purification Technology</i> , 2011 , 76, 407-418	8.3	40
94	Conducting films of poly(aniline-co-1-amino- 2-naphthol-4-sulfonic acid) blended with LDPE for its application as antistatic encapsulation material. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 1319-1328	3.2	11
93	Review: A review: polystyrene/clay nanocomposites. <i>Journal of Reinforced Plastics and Composites</i> , 2011 , 30, 446-459	2.9	32
92	Interpenetrating polymer network (IPN) nanogels based on gelatin and poly(acrylic acid) by inverse miniemulsion technique: synthesis and characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 83, 204-13	6	66
91	Studies on novel heat treated sulfonated poly(ether ether ketone) [SPEEK]/diol membranes for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 8525-8535	6.7	31
90	Pervaporation separation of organic azeotrope using poly(dimethyl siloxane)/clay nanocomposite membranes. <i>Separation and Purification Technology</i> , 2011 , 80, 435-444	8.3	24
89	Effect of Particle Size and Alkali Treatment of Sugarcane Bagasse on Thermal, Mechanical, and Morphological Properties of PVC-Bagasse Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2010 , 29, 731-740	2.9	24
88	Receptor Specific Macrophage Targeting by Mannose-Conjugated Gelatin Nanoparticles- An In Vitro and In Vivo Study. <i>Current Nanoscience</i> , 2010 , 6, 413-421	1.4	17
87	Isothermal and Non-Isothermal Crystallization Kinetics and Morphology of Poly(trimethylene terephthalate)/Multiwalled Carbon Nanotube Composites. <i>Macromolecular Symposia</i> , 2010 , 290, 56-69	0.8	10
86	Rheological, melting and crystallization behaviour of an open cage POSS/PTT nanocomposite prepared by melt blending. <i>International Journal of Plastics Technology</i> , 2010 , 14, 7-23	2.7	6
85	Study on the compatibility of unbleached and bleached bamboo-fiber with LLDPE matrix. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 102, 751-761	4.1	38
84	Poly(vinyl chloride)/Acacia bark flour composite: Effect of particle size and filler content on mechanical, thermal, and morphological characteristics. <i>Journal of Applied Polymer Science</i> , 2010 , 117, NA-NA	2.9	2
83	Microstructure determination of methyl methacrylate-N-arylsubstituted itaconimide copolymers by NMR spectroscopy. <i>Journal of Applied Polymer Science</i> , 2010 , 115, 491-497	2.9	4

82	Synthesis and characterization of butyl acrylate/methyl methacrylate/glycidyl methacrylate latexes. <i>Journal of Applied Polymer Science</i> , 2010 , 115, 549-557	2.9	25
81	Mechanical properties and morphology of polylactide, linear low-density polyethylene, and their blends. <i>Journal of Applied Polymer Science</i> , 2010 , 118, 496-502	2.9	31
80	Polymer nanocomposite membranes based on sulfonated poly(ether ether ketone) and trisilanol phenyl POSS for fuel cell applications. <i>Journal of Applied Polymer Science</i> , 2010 , 118, 3013-3023	2.9	23
79	Synthesis of PPP-b-PS block copolymers using a combination of Suzuki-polycondensation and nitroxide-mediated radical polymerization. <i>Polymer</i> , 2010 , 51, 5294-5303	3.9	16
78	Enhancement of corrosion protection efficiency of iron by poly(aniline-co-amino-naphthol-sulphonic acid) nanowires coating in highly acidic medium. <i>Thin Solid Films</i> , 2010 , 519, 1031-1039	2.2	21
77	Polyaniline/MWCNT nanocomposites for microwave absorption and EMI shielding. <i>Materials Chemistry and Physics</i> , 2009 , 113, 919-926	4.4	529
76	Synthesis and characterization of biodegradable interpenetrating polymer networks based on gelatin and divinyl ester synthesized from poly(caprolactone diol). <i>Journal of Applied Polymer Science</i> , 2009 , 111, 1478-1487	2.9	5
75	Synthesis and characterization of processible polyaniline derivatives for corrosion inhibition. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 2328-2339	2.9	28
74	Thermal and mechanical properties of copolymers of methyl methacrylate with N-aryl itaconimides. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 1088-1095	2.9	11
73	Electromagnetic interference shielding behavior of polyaniline/graphite composites prepared by in situ emulsion pathway. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 3146-3155	2.9	98
72	Factorial experimental design approach in semicontinuous emulsion polymerization of methyl methacrylate to study the effect of process variables. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 3742-3749 ¹	2.9	1
71	Studies on epoxy/calcium carbonate nanocomposites. <i>Journal of Applied Polymer Science</i> , 2009 , 114, 2161-2168	2.9	15
70	Influence of reaction conditions on the formation of nanotubes/nanoparticles of polyaniline in the presence of 1-amino-2-naphthol-4-sulfonic acid and applications as electrostatic charge dissipation material. <i>Polymer International</i> , 2009 , 58, 489-502	3.3	24
69	Electrical properties and EMI shielding behavior of highly thermally stable polyaniline/colloidal graphite composites. <i>Polymers for Advanced Technologies</i> , 2009 , 20, 355-361	3.2	65
68	Synergistic effect of copolymers composition on the electrochemical, thermal, and electrical behavior of 5-lithiosulphoisophthalic acid doped poly(aniline-co-2-isopropylaniline): synthesis, characterization, and applications. <i>Polymers for Advanced Technologies</i> , 2009 , 20, 1024-1034	3.2	10
67	Synthesis and characterization of sulfonated naphthalenic polyimides based on 4,4'-diaminodiphenylether-2,2'-disulfonic acid and bis[4-(4-aminophenoxy)phenylhexafluoropropane] for fuel cell applications. <i>European Polymer Journal</i> , 2009 , 45, 1467-1475	5.2	21
66	I K Varma*. <i>Coloration Technology</i> , 2008 , 106, 388-394		14
65	Mass coloration of polyester and nylon 6 using perylene pigments. <i>Coloration Technology</i> , 2008 , 107, 323-327		1

64	Banana fiber-reinforced biodegradable soy protein composites. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2008 , 3, 243-250		56
63	Effect of structure of aromatic imide-amines on curing behavior and thermal stability of diglycidyl ether of bisphenol-A. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 1946-1953	2.9	14
62	Study on PVC composites containing Eugenia jambolana wood flour. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 2171-2179	2.9	8
61	Effect of structure on mechanical properties of vinyl ester resins and their glass fiber-reinforced composites. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 1942-1948	2.9	7
60	Copolymerization of methyl methacrylate with N-(methoxyphenyl) itaconimides. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 987-996	2.9	6
59	Studies on copolymerization of N-isopropylacrylamide with poly(ethylene glycol) methacrylate. <i>European Polymer Journal</i> , 2008 , 44, 2962-2970	5.2	15
58	Radiation synthesis of interpenetrating polymer networks based on N-vinyl pyrrolidone-acrylic acid copolymer and gelatin. I. Swelling, morphology, and thermal characterization for biomedical applications. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 1456-1463	2.9	17
57	Curing and thermal behavior of DGEBA in presence of dianhydrides and aromatic diamine. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 3804-3808	2.9	11
56	Curing and thermal behaviour of epoxy resin in the presence of pyromellitic dianhydride and imidazole. <i>Journal of Applied Polymer Science</i> , 2007 , 106, 2593-2598	2.9	7
55	Studies on curing and thermal behavior of diglycidyl ether of bisphenol-A and benzoxazine mixtures. <i>Journal of Applied Polymer Science</i> , 2007 , 106, 3327-3334	2.9	25
54	Synthesis and characterization of stimuli-sensitive micro- and nanohydrogels based on photocrosslinkable poly(dimethylaminoethyl methacrylate). <i>Journal of Polymer Science Part A</i> , 2007 , 45, 669-679	2.5	34
53	Evaluation of bisacrylate terminated epoxy resins as coatings. <i>Progress in Organic Coatings</i> , 2006 , 57, 223-228	4.8	13
52	Methacrylate/acrylate terminated derivatives of diglycidyl hexahydrophthalate: Synthesis, structural, and thermal characterization. <i>Journal of Applied Polymer Science</i> , 2006 , 99, 2414-2420	2.9	8
51	Copolymerization of N-aryl substituted itaconimide with methyl methacrylate: Effect of substituents on monomer reactivity ratio and thermal behavior. <i>Journal of Applied Polymer Science</i> , 2006 , 101, 2391-2398	2.9	9
50	Curing and thermal behavior of poly(allyl azide) and bismaleimides. <i>Journal of Applied Polymer Science</i> , 2006 , 101, 779-786	2.9	18
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